

## CLAIMS

1. Human H37 protein having an amino acid sequence of SEQ ID NO: 1.
2. Human H37 protein having an amino acid sequence where one or more amino acid residue(s) in the amino acid sequence of SEQ ID NO: 1 is/are deleted therefrom, substituted therefor or added thereto.
3. Human H37 protein having an amino acid sequence of SEQ ID NO: 2.
4. Human H37 protein having an amino acid sequence where one or more amino acid residue(s) in the amino acid sequence of SEQ ID NO: 2 is/are deleted therefrom, substituted therefor or added thereto.
5. A human gene encoding the human H37 protein of claim 1 or 2.
6. A cDNA of the human gene of claim 5, which has a base sequence of SEQ ID NO: 3 or a base sequence where one or more base(s) in the base sequence of SEQ ID NO: 3 is/are deleted therefrom, substituted therefor or added thereto.
7. A cDNA of the human gene of claim 5, which has a base sequence of SEQ ID NO: 4 or a base sequence where one or more base(s) in the base sequence of SEQ ID NO: 4 is/are deleted therefrom, substituted therefor or added thereto.
8. A DNA fragment comprising a partial sequence of cDNA of claim 6.
9. A DNA fragment comprising a partial sequence of cDNA of claim 7.
10. A recombinant vector having the cDNA of claim 6.
11. A recombinant vector having the cDNA of claim 7.

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See B9See  
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12. An antibody against the human H37 protein of claim 1 or 2.
13. An antibody against the human H37 protein of claim 3 or 4.
- 5 14. A method for promoting the proliferation of cells, which comprises introducing the cDNA of claim 6 or the DNA fragment of claim 8 together with expression-regulatory sequences into the cells.
- 10 15. A method for promoting the proliferation of cells, which comprises introducing the cDNA of claim 7 or the DNA fragment of claim 9 together with an expression regulatory sequence into the cells.
- 15 16. A method for suppressing the proliferation of cells, which comprises introducing the antibody of claim 10 into the cells.
17. A method for suppressing the proliferation of cells, which comprises introducing the antibody of claim 11 into the cells.

Sub  
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